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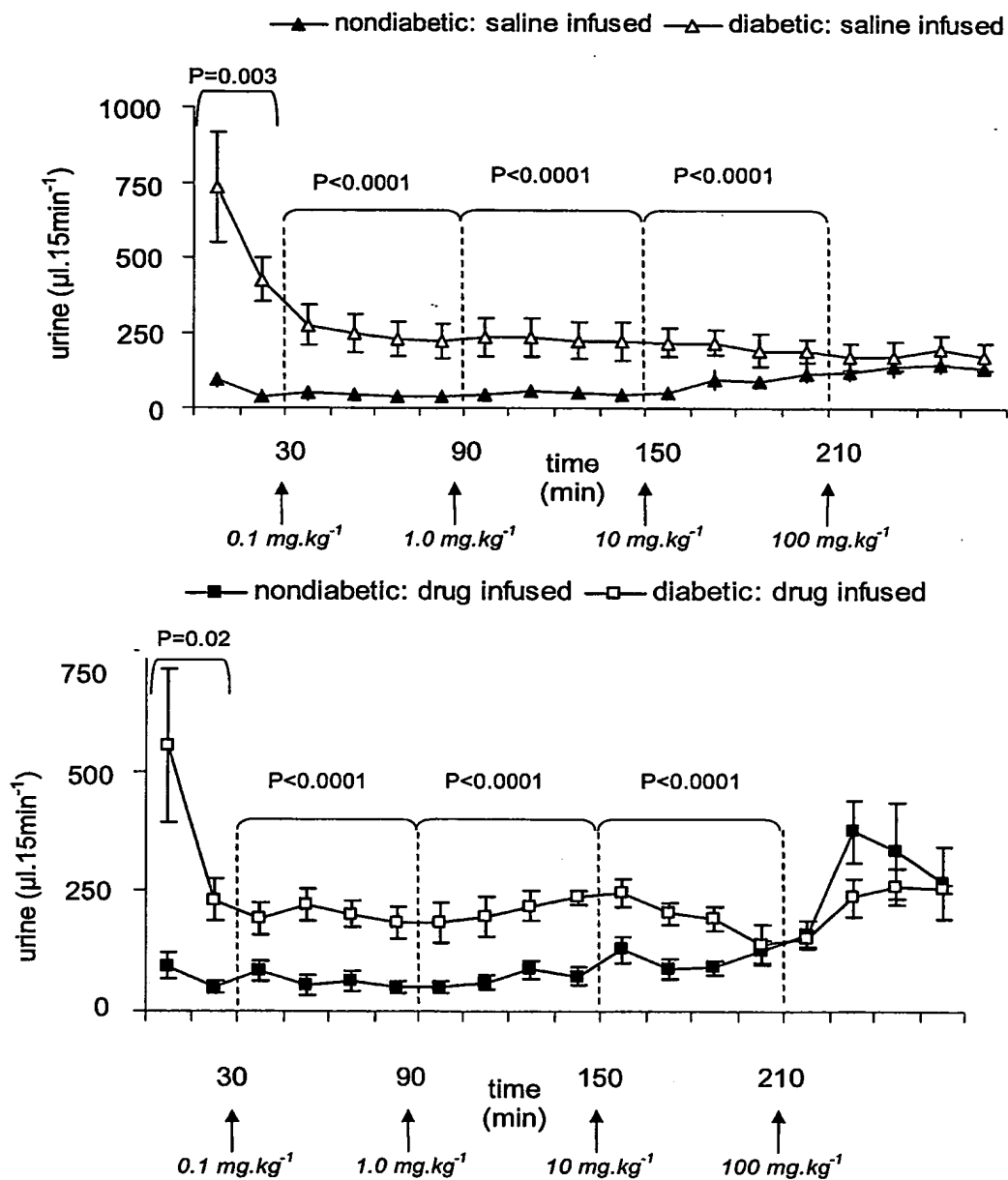


FIGURE 1

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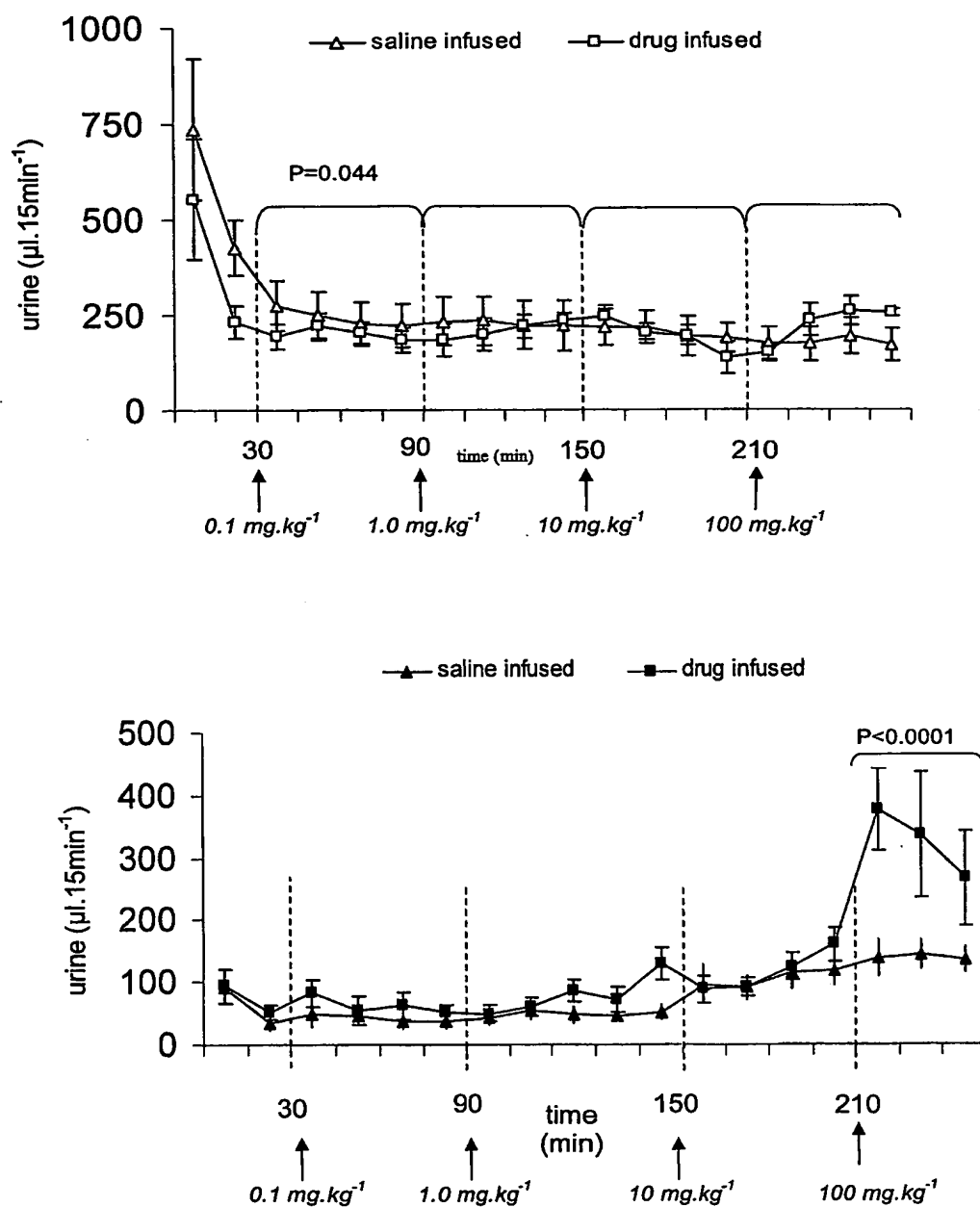


FIGURE 2

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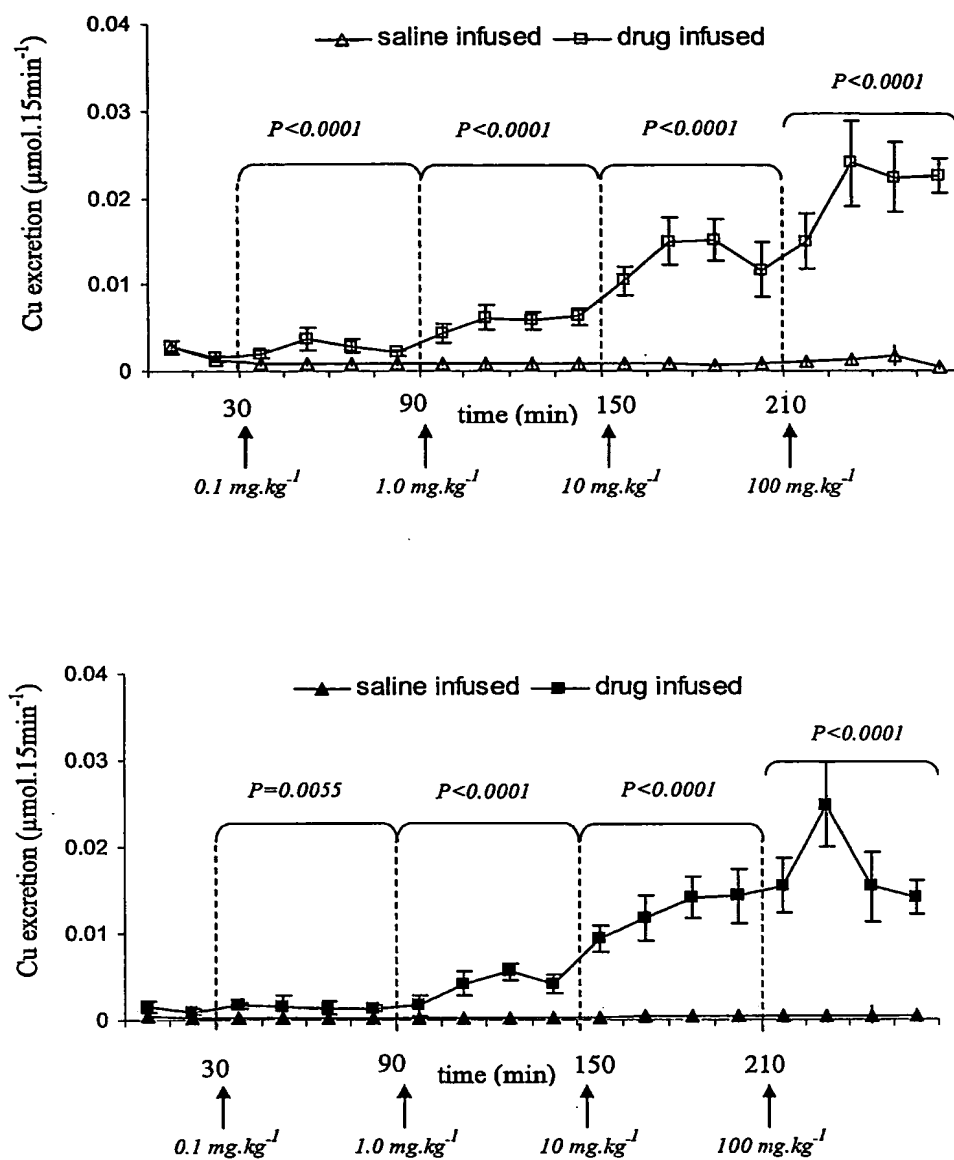


FIGURE 3

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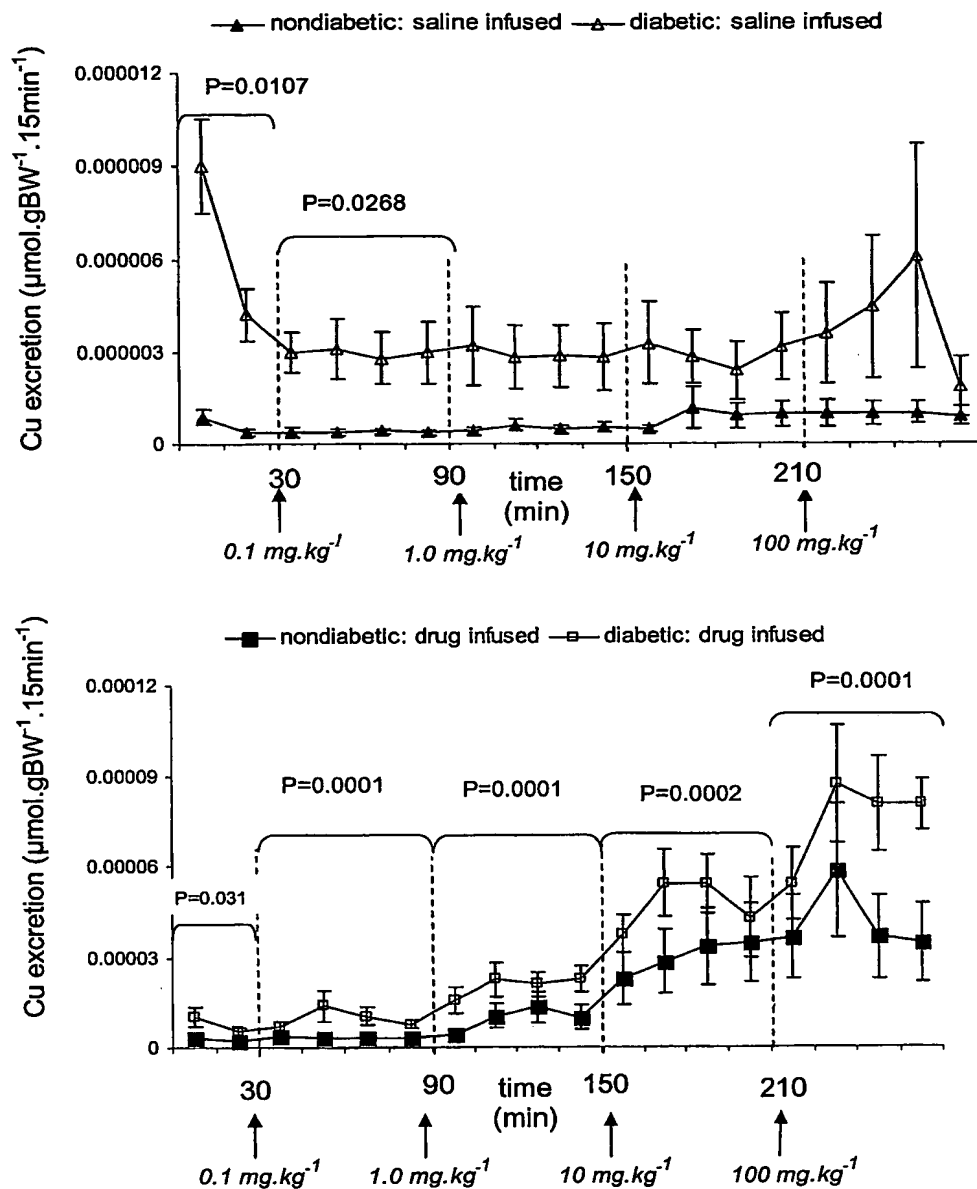


FIGURE 4

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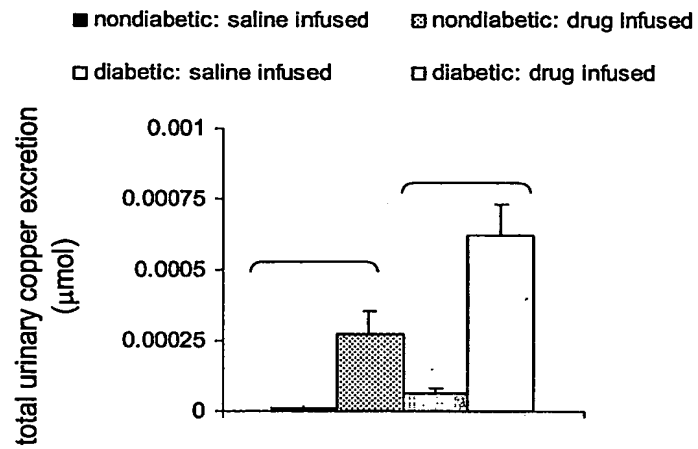


FIGURE 5

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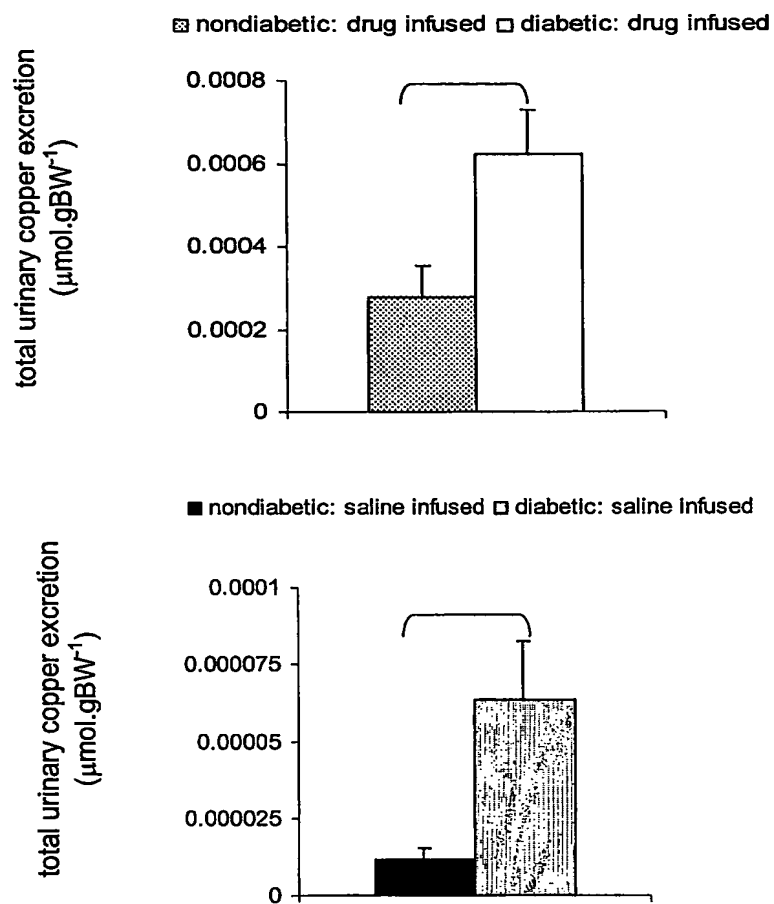


FIGURE 6

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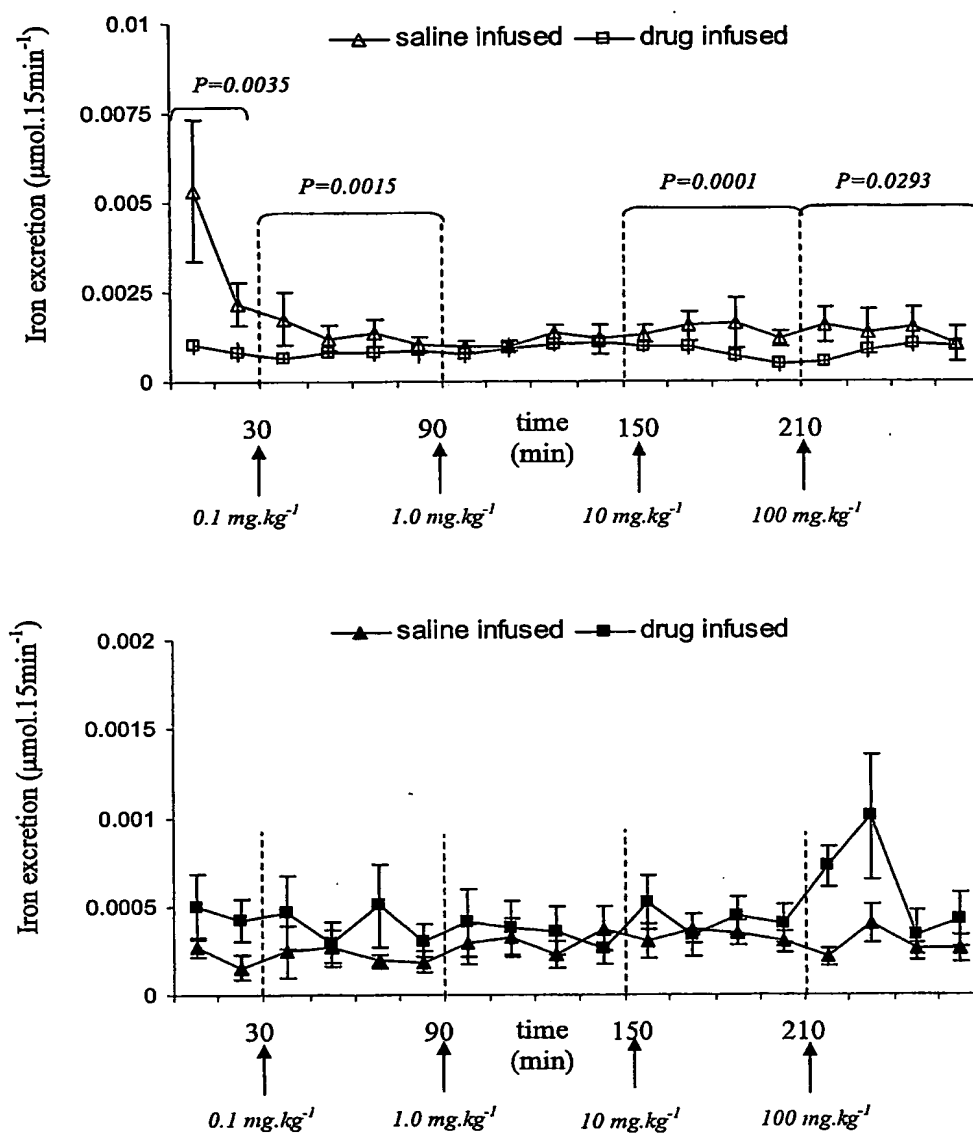


FIGURE 7

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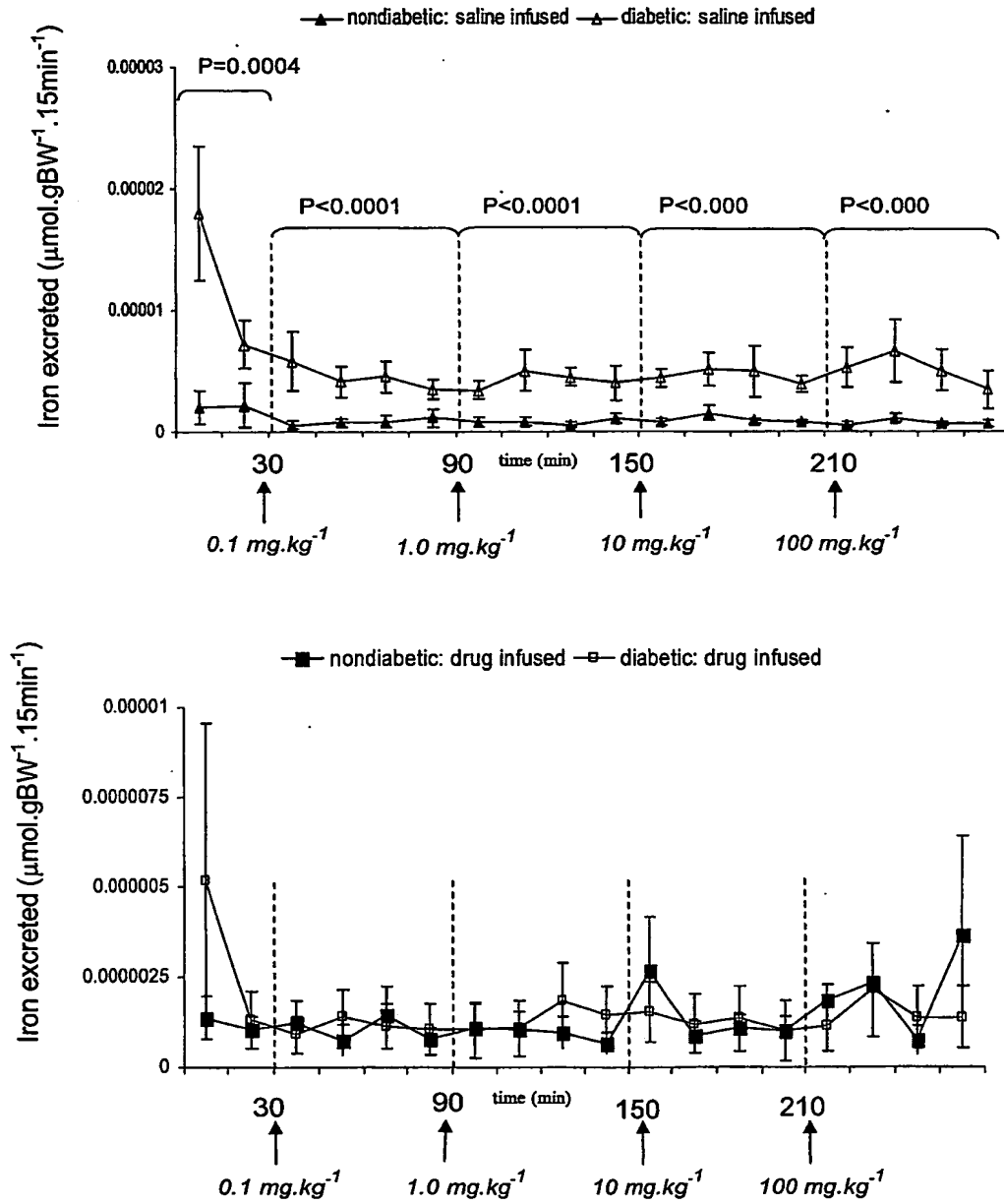


FIGURE 8

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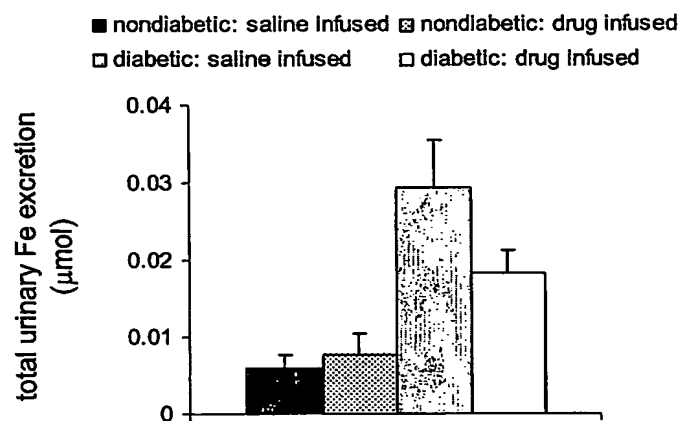


FIGURE 9

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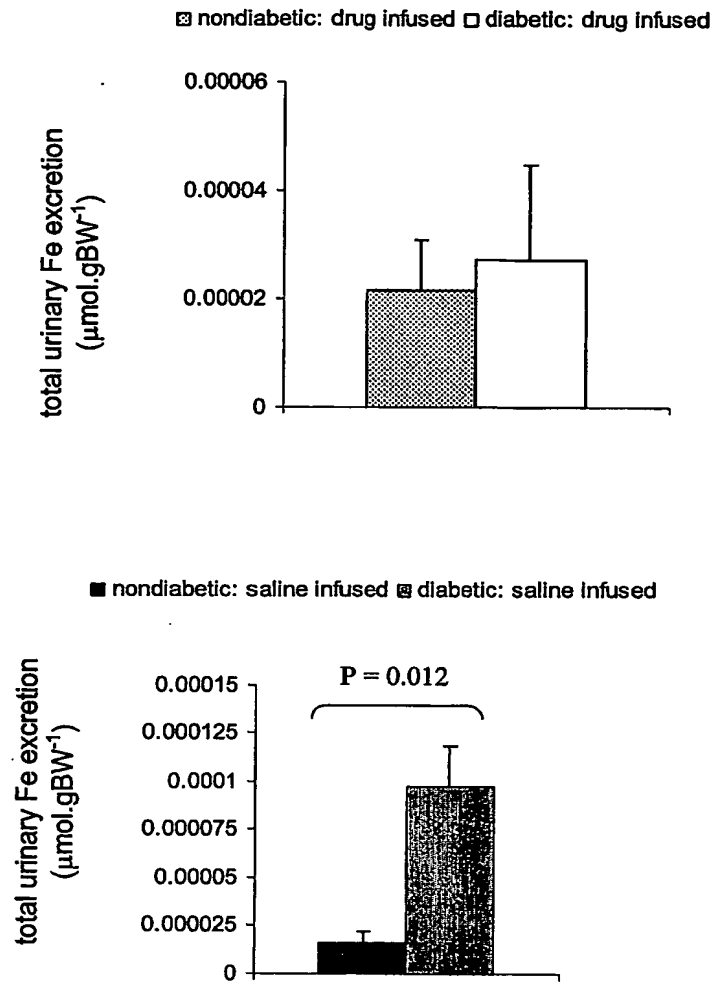


FIGURE 10

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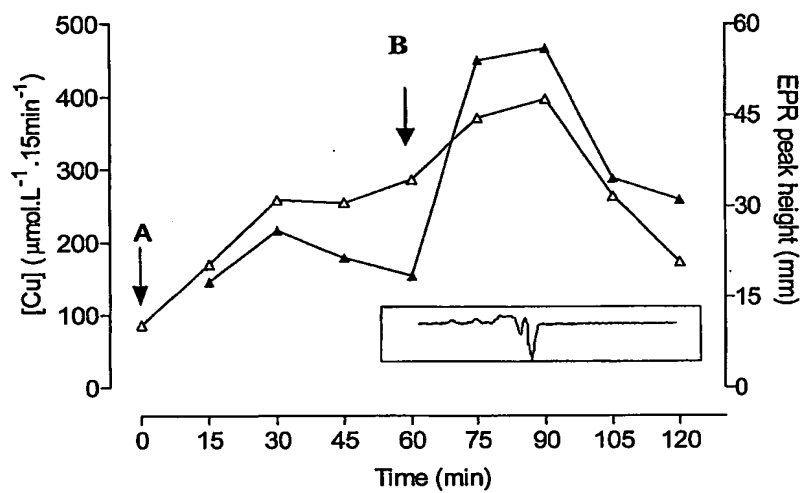


FIGURE 11

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Cu excretion		Dose level		
Mixed Model Effects	Baseline	0.1 mg.kg ⁻¹	1.0 mg.kg ⁻¹	100 mg.kg ⁻¹
Diabetes	$F_{1,24} = 18.52$	$F_{1,24} = 19.82$	$F_{1,24} = 21.92$	$F_{1,24} = 17.82$
(normal/diabetic rats)	$P = 0.0002$	$P = 0.0002$	$P < 0.0001$	$P < 0.0003$
Drug	$F_{1,24} = 1.73$	$F_{1,24} = 24.94$	$F_{1,24} = 78.36$	$F_{1,24} = 162.17$
(drug/saline)	NS	$P < 0.0001$	$P < 0.0001$	$P < 0.0001$
Interaction	$F_{1,24} = 0.16$	$F_{1,24} = 3.58$	$F_{1,24} = 7.16$	$F_{1,24} = 12.43$
	NS	NS	$P < 0.0132$	$P < 0.0017$
Sampling time (repeated measure)	t_1, t_2	t_1, t_2, t_3, t_4	t_1, t_2, t_3, t_4	t_1, t_2, t_3, t_4
Fe excretion		Dose level		
Mixed Model Effects	Baseline	0.1 mg.kg ⁻¹	1.0 mg.kg ⁻¹	100 mg.kg ⁻¹
Diabetes	$F_{1,23} = 12.87$	$F_{1,23} = 15.82$	$F_{1,24} = 22.68$	$F_{1,24} = 7.35$
(normal/diabetic rats)	$P = 0.0016$	$P = 0.0006$	$P < 0.0001$	$P = 0.0122$
Drug	$F_{1,23} = 8.6$	$F_{1,23} = 7.89$	$F_{1,24} = 12.23$	$F_{1,24} = 2.47$
(drug/saline)	$P = 0.0075$	$P = 0.01$	$P < 0.0019$	$P = 0.1292$
Interaction	$F_{1,23} = 12.10$	$F_{1,23} = 15.06$	$F_{1,24} = 14.07$	$F_{1,24} = 16.76$
	$P = 0.002$	$P = 0.0008$	$P = 0.001$	$P = 0.0004$
Sampling time (repeated measure)	t_1, t_2	t_1, t_2, t_3, t_4	t_1, t_2, t_3, t_4	t_1, t_2, t_3, t_4

FI FIGURE 12

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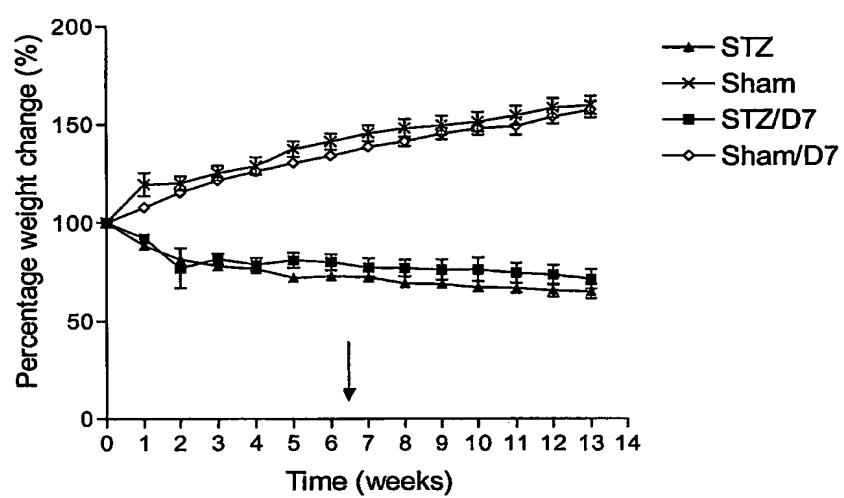


FIGURE 13

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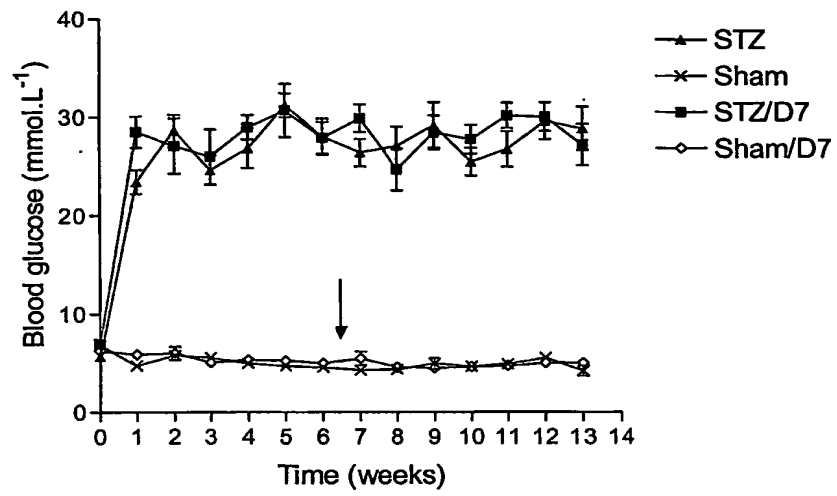
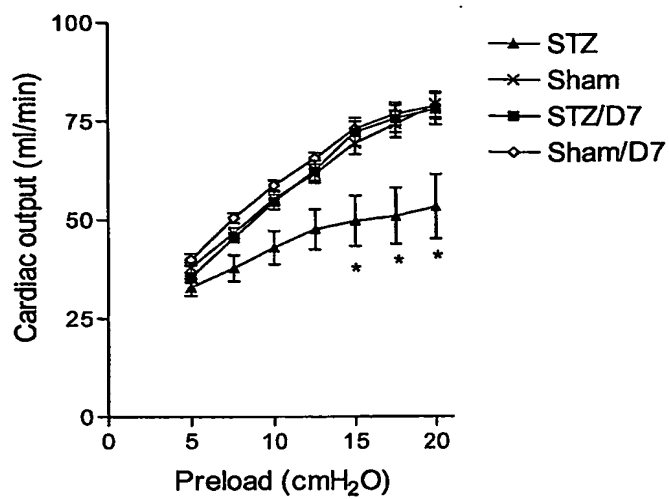


FIGURE 14

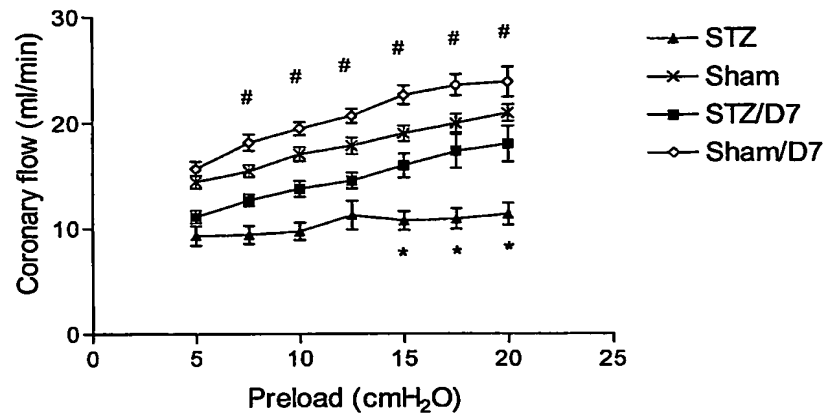
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p<0.05: STZ v STZ/D7

FIGURE 15

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p<0.05: STZ v STZ/D7, #p<0.05: STZ/D7 v Sham/D7.

FIGURE 16

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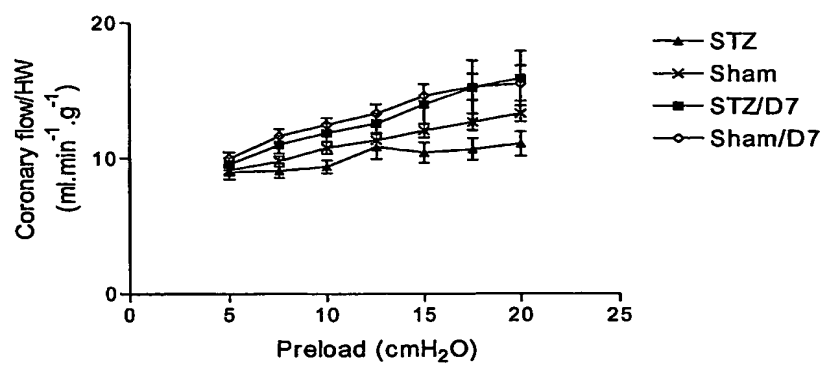


FIGURE 17

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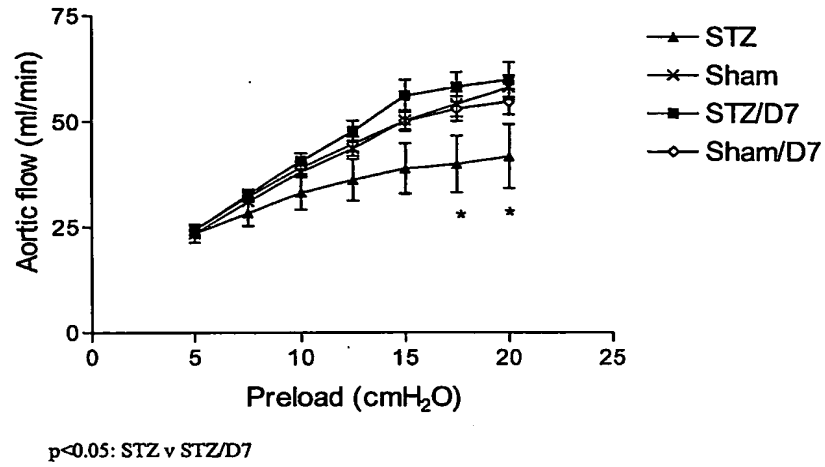
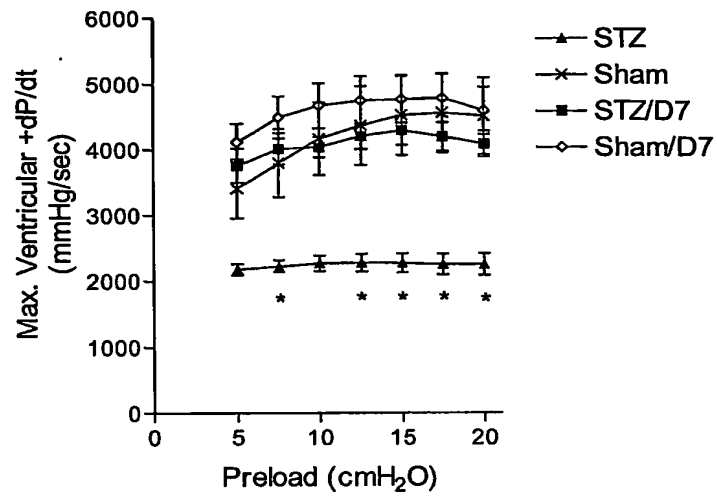


FIGURE 18

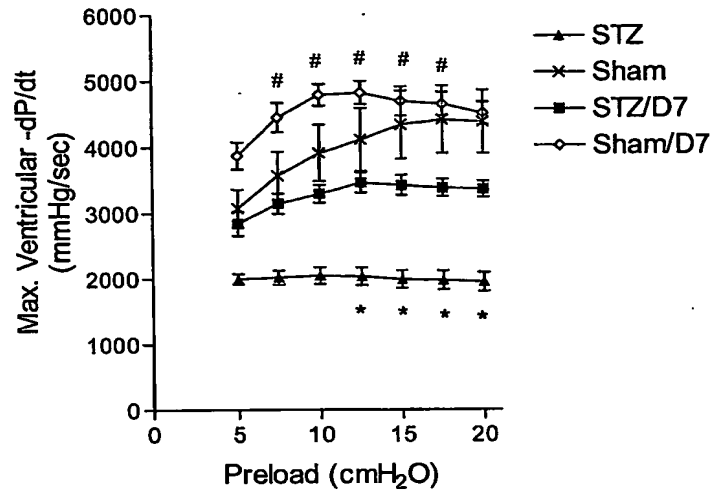
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p<0.05: STZ v STZ/D7

FIGURE 19

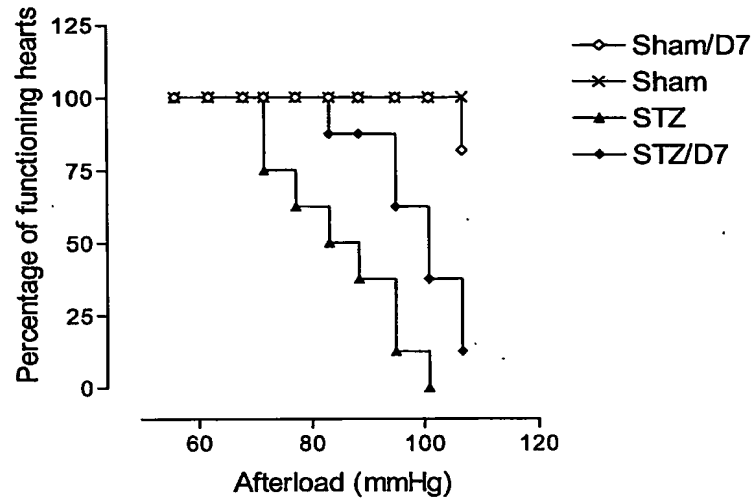
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p<0.05: STZ v STZ/D7, #, p<0.05: STZ/D7 v Sham/D7.

FIGURE 20

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Wilcoxon $p < 0.05$ for STZ v STZ/D7

FIGURE 21

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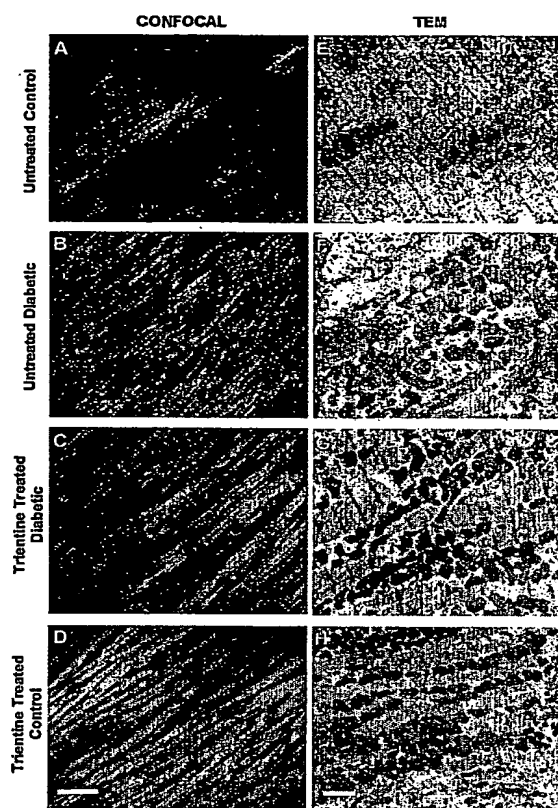


FIGURE 22

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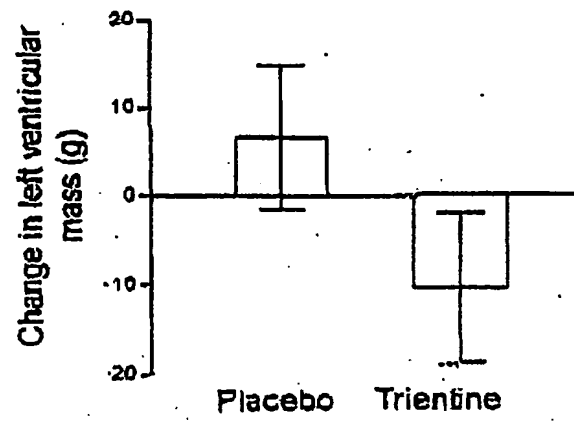


FIGURE 23

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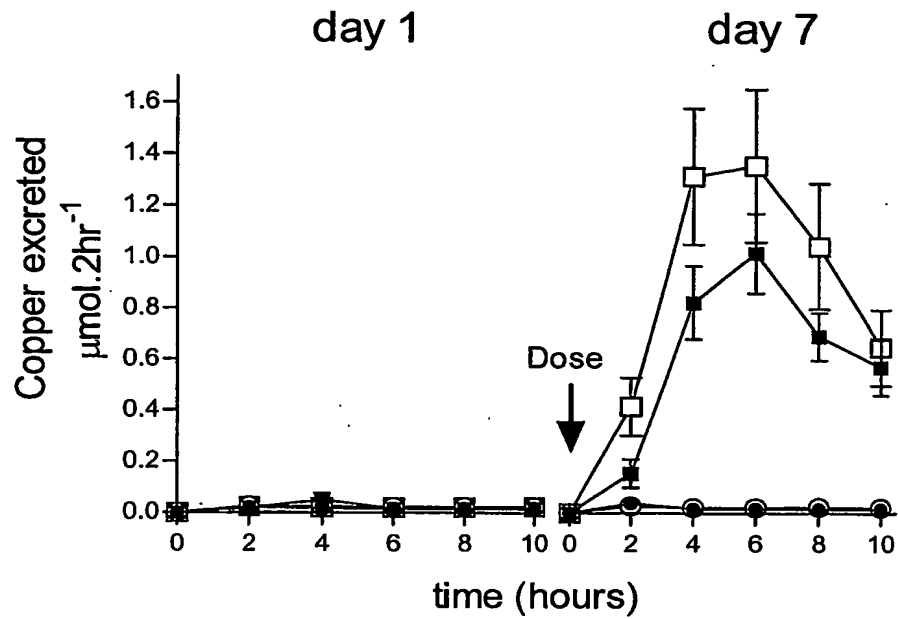


FIGURE 24

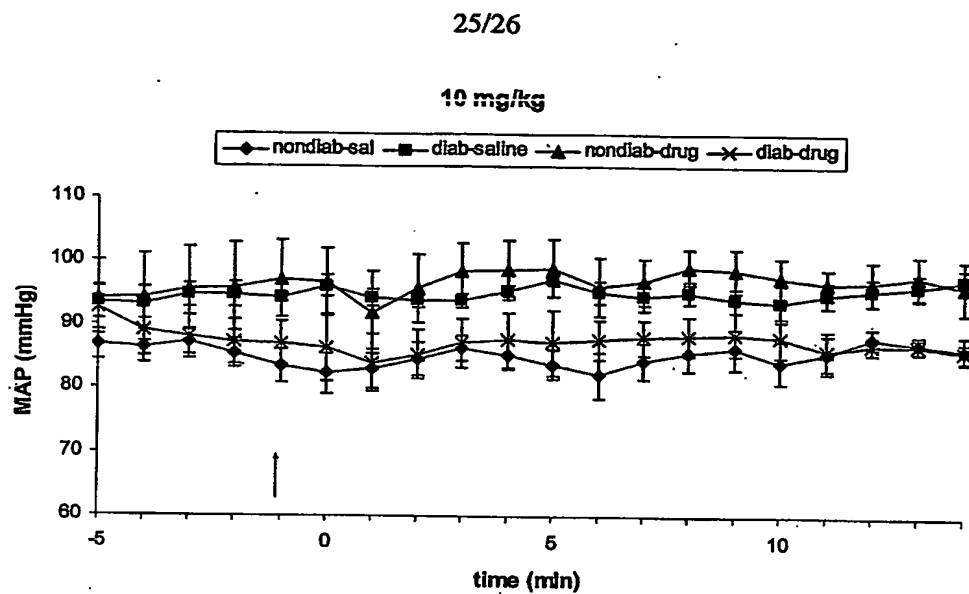


FIGURE 25

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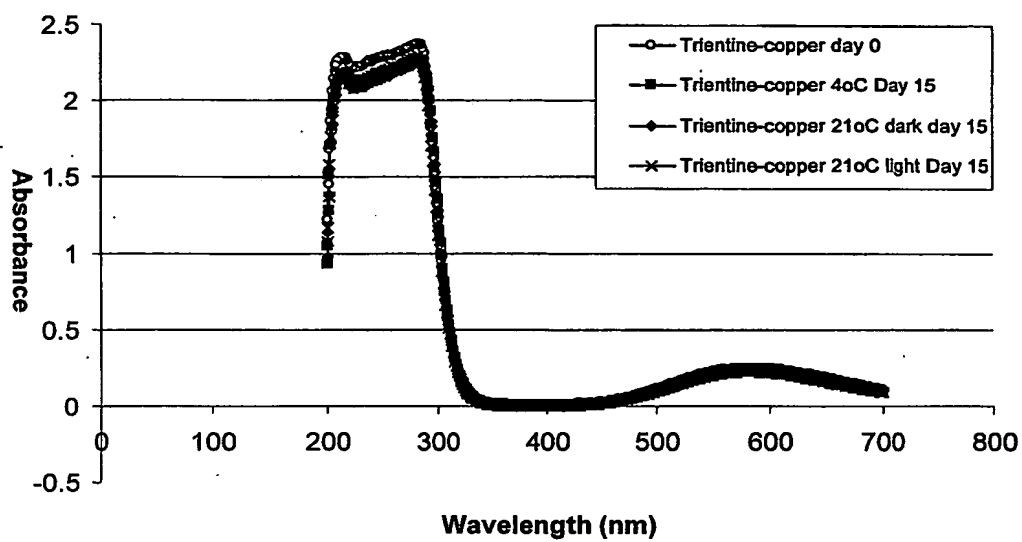


FIGURE 26